

Notice of Allowability

Application No.

10/784,377

Applicant(s)

CARR ET AL.

Examiner

Art Unit

Rosalynd Keys

1621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-18 and 20-38 (now claims 1-37).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/23/04, 10/28/04, & 11/12/04.
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael K. Boyer on April 17, 2006.

The application has been amended as follows:

- 1) add a period after the Roman Numeral (IV) in claim 16.
- 2) on page 8 of the amendment filed February 2, 2006 the extraneous writing is to be deleted (see Examiner's amendment to page 8 of 27).
- 3) on page 11 of the amendment filed February 2, 2006 the extraneous writing is to be deleted (see Examiner's amendment to page 11 of 27).
- 4) on page 12 of the amendment filed February 2, 2006 the extraneous writing is to be deleted (see Examiner's amendment to page 12 of 27).
- 5) on page 18 of the amendment filed February 2, 2006 the extraneous writing (3,7) is to be deleted (see Examiner's amendment to page 18 of 27).
- 6) on page 20 of the amendment filed February 2, 2006 the extraneous writing (2,6-bis) is to be deleted (see Examiner's amendment to page 20 of 27).
- 7) on page 21 of the amendment filed February 2, 2006 the extraneous writing is to be deleted (see Examiner's amendment to page 21 of 27).

Information Disclosure Statement

2. The information disclosure statements (IDS's) submitted on February 23, 2004; October 28, 2004; and November 12, have been considered by the examiner.

Allowable Subject Matter

3. Claims 1-18 and 20-38 (now claims 1-37) are allowed.
4. The following is an examiner's statement of reasons for allowance: WO 00/67072, which is the closest prior art, teaches a compound having the structure norbornene-
 $\text{OCH}_2\text{C}(\text{CF}_3)_2\text{OH}$, which is similar in structure to the claimed compound and it has a similar utility however, the instant compound differs from the compound of WO 00/67072 in that the instant compounds require that the carbon of the alkoxide group bonded to the oxygen which is bonded to the bridged carbocyclic ring has at least one fluorine-containing group bonded to said carbon. Thus, in order to anticipate the claim at least one of the hydrogens in the CH_2 group of WO 00/67072 would have to be substituted with a fluorine-containing group. The prior art fails to teach making such a substitution. The prior art also fails to make this substitution obvious because although it is known in the prior art that fluorination can substantially increase transparency [see section 3 of the Dammel reference (J. of Photopolymer Science and Technology, Vol. 14, No. 4, 2001) submitted by Applicants], the prior art does not teach or fairly suggest making the fluorination in the manner disclosed by Applicants, i.e., that the carbon of the alkoxide group bonded to the oxygen which is bonded to the bridged carbocyclic ring has at least one fluorine-containing group bonded to said carbon.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

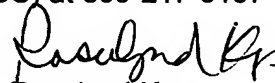
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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rosalynd Keys whose telephone number is 571-272-0639. The examiner can normally be reached on M-W & F 4-10pm; H 5:30am-5pm; Sat 8am-1pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Johann Richter can be reached on 571-272-0646. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Rosalynd Keys
Primary Examiner
Art Unit 1621

April 17, 2006